



FIG. 1

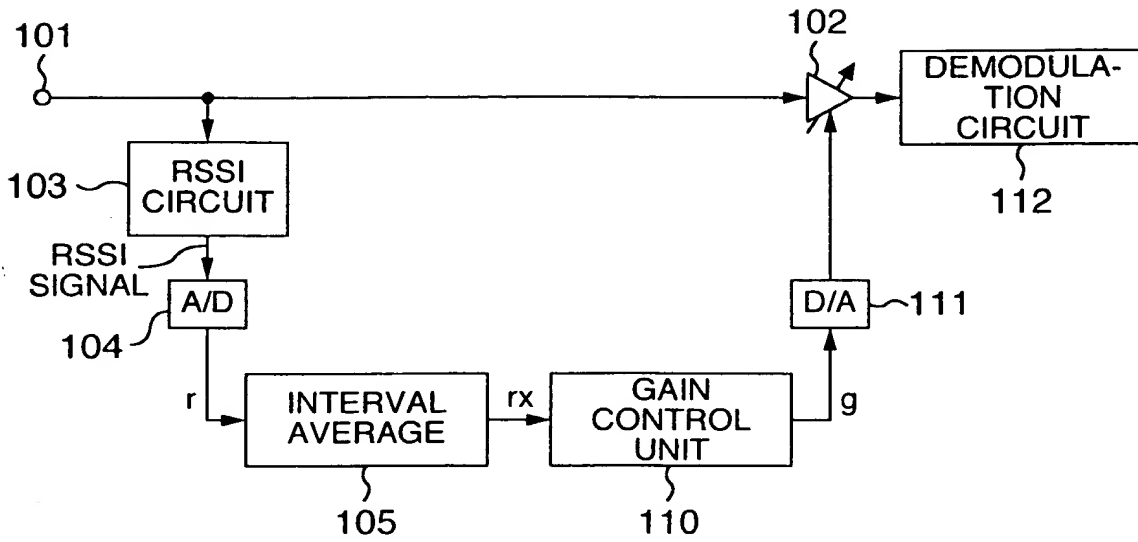


FIG. 2

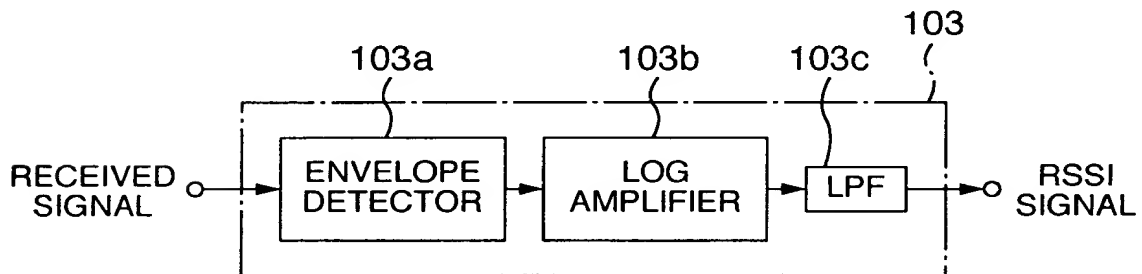


FIG. 3

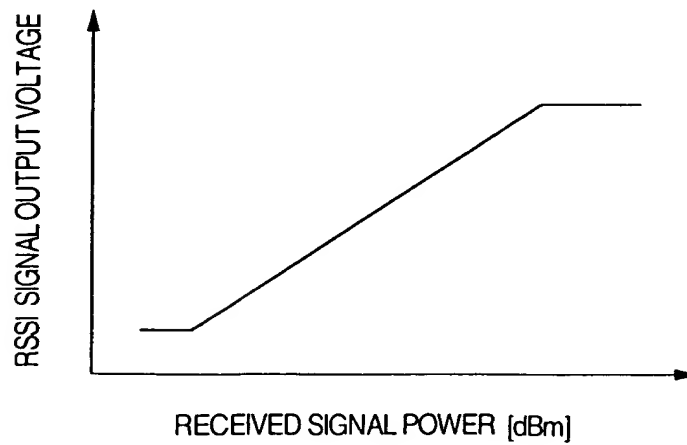




FIG. 4

LP+R	Pb	RI	SW	Pb	PI	G
40	88	56	32	56	104	8

LP+R: LINEARIZER PREAMBLE LINE-UP

Pb: PREAMBLE

RI: COMMUNICATION INFORMATION CHANNEL

SW: SYNC WORD

PI: PARAMETER INFORMATION CHANNEL

G: GUARD TIME

FIG. 5

LP+R	Pb	Tch	RI	SW	UD	Tch
40	2	96	56	32	20	160

LP+R: LINEARIZER PREAMBLE LINE-UP

Pb: PREAMBLE

Tch: COMMUNICATION CHANNEL

RI: COMMUNICATION INFORMATION CHANNEL

SW: SYNC WORD

UD: UNDEFINED PORTION

FIG. 6

SB ₀	SB ₁	TCH ₀	TCH ₁	TCH ₂	...	TCH _N
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→ TIME

SB₀, SB₁ : SYNC BURST

TCH_N : TRAFFIC CHANNEL FRAME



FIG. 7A

RECEIVED SIGNAL

FIG. 7B

RSSI SIGNAL r

FIG. 7C

INTERVAL AVERAGE α OF r

FIG. 7D

CONTROL SIGNAL g

FIG. 7E

INPUT SIGNAL OF
DEMODULATION
CIRCUIT 112

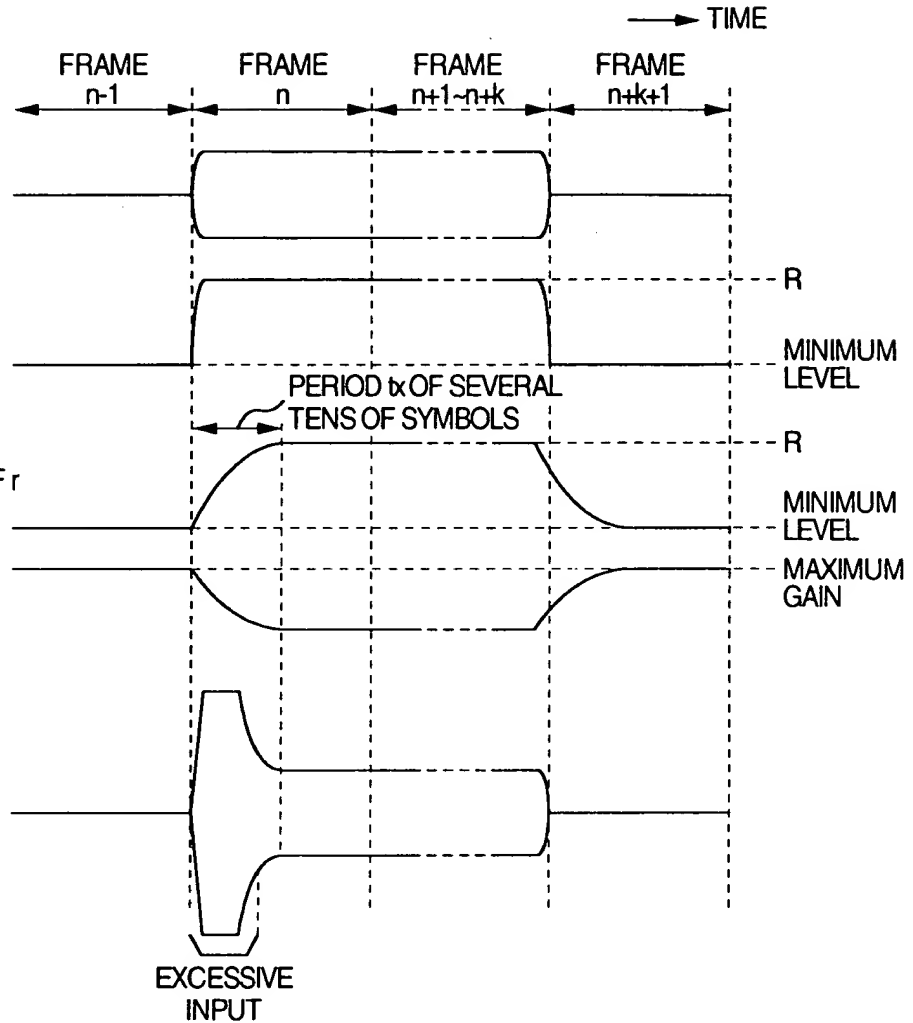


FIG. 8A

FRAME n

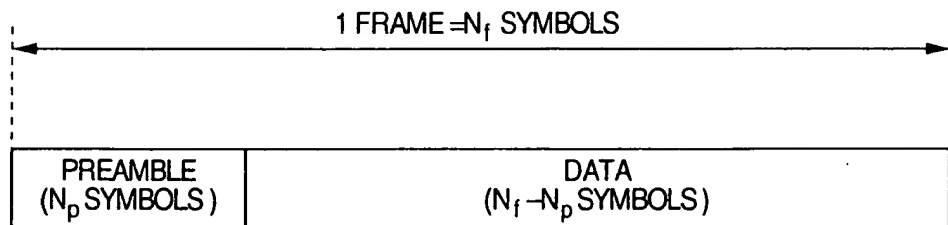


FIG. 8B

FRAMES $n+1$ TO $n+k$

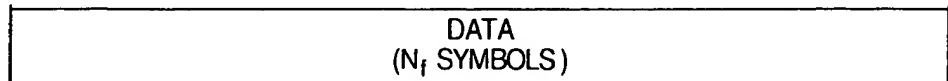




FIG. 9

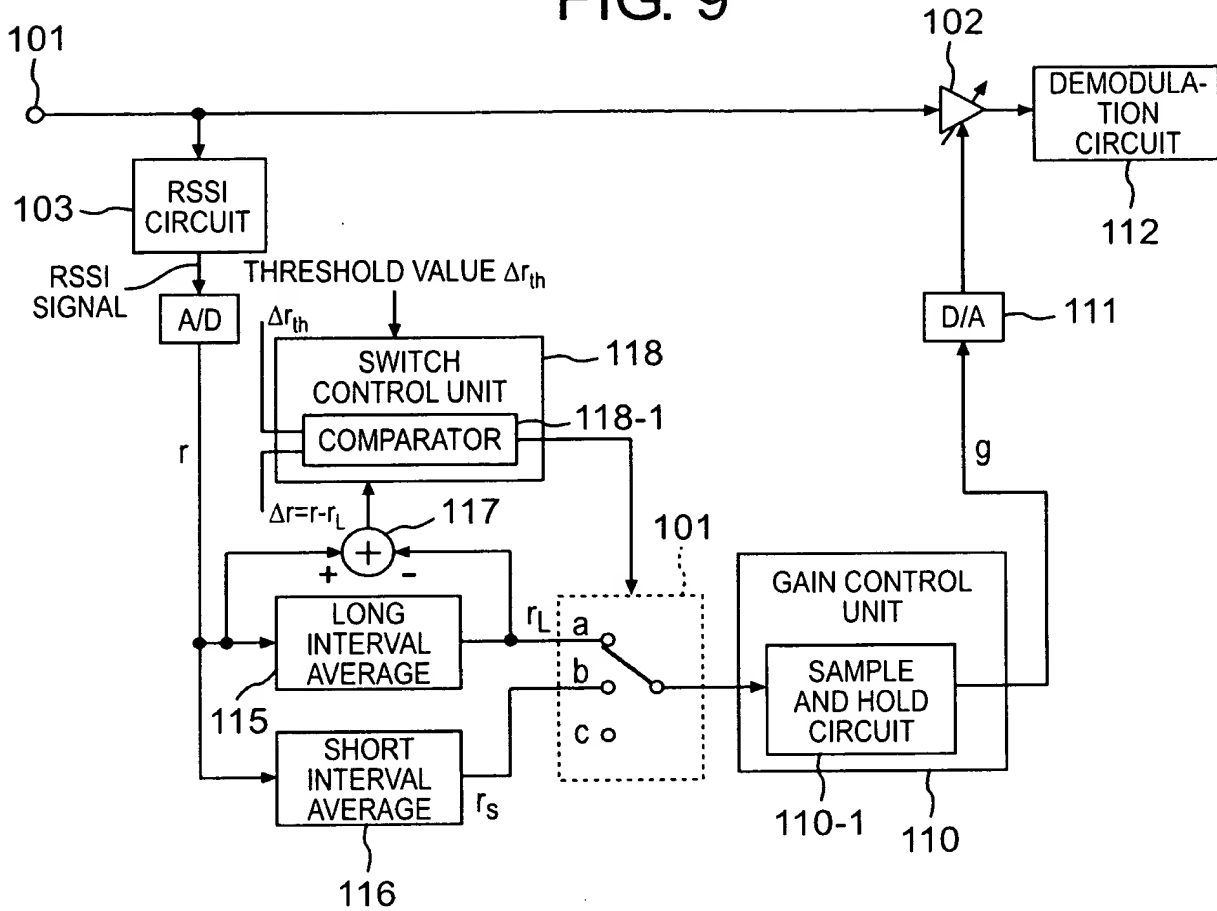


FIG. 10

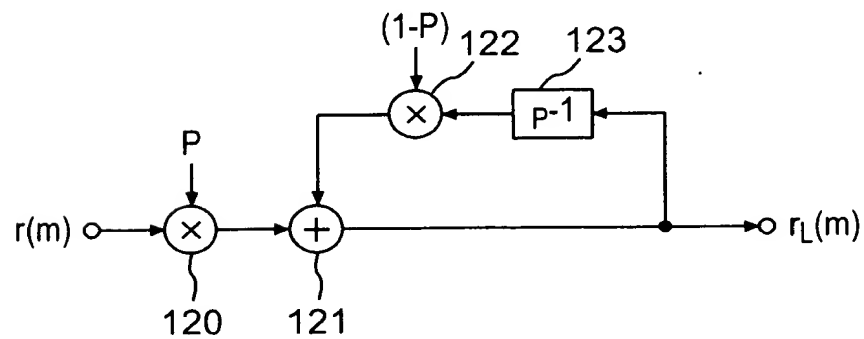




FIG. 11A

RECEIVED SIGNAL

FIG. 11B

RSSI SIGNAL r

FIG. 11C

LONG INTERVAL
AVERAGE r_L OF r

FIG. 11D

SHORT INTERVAL
AVERAGE r_S OF r

FIG. 11E

$\Delta r = r - r_L$

FIG. 11F

CONTROL SIGNAL g

FIG. 11G

INPUT SIGNAL OF
DEMODULATION
CIRCUIT 112

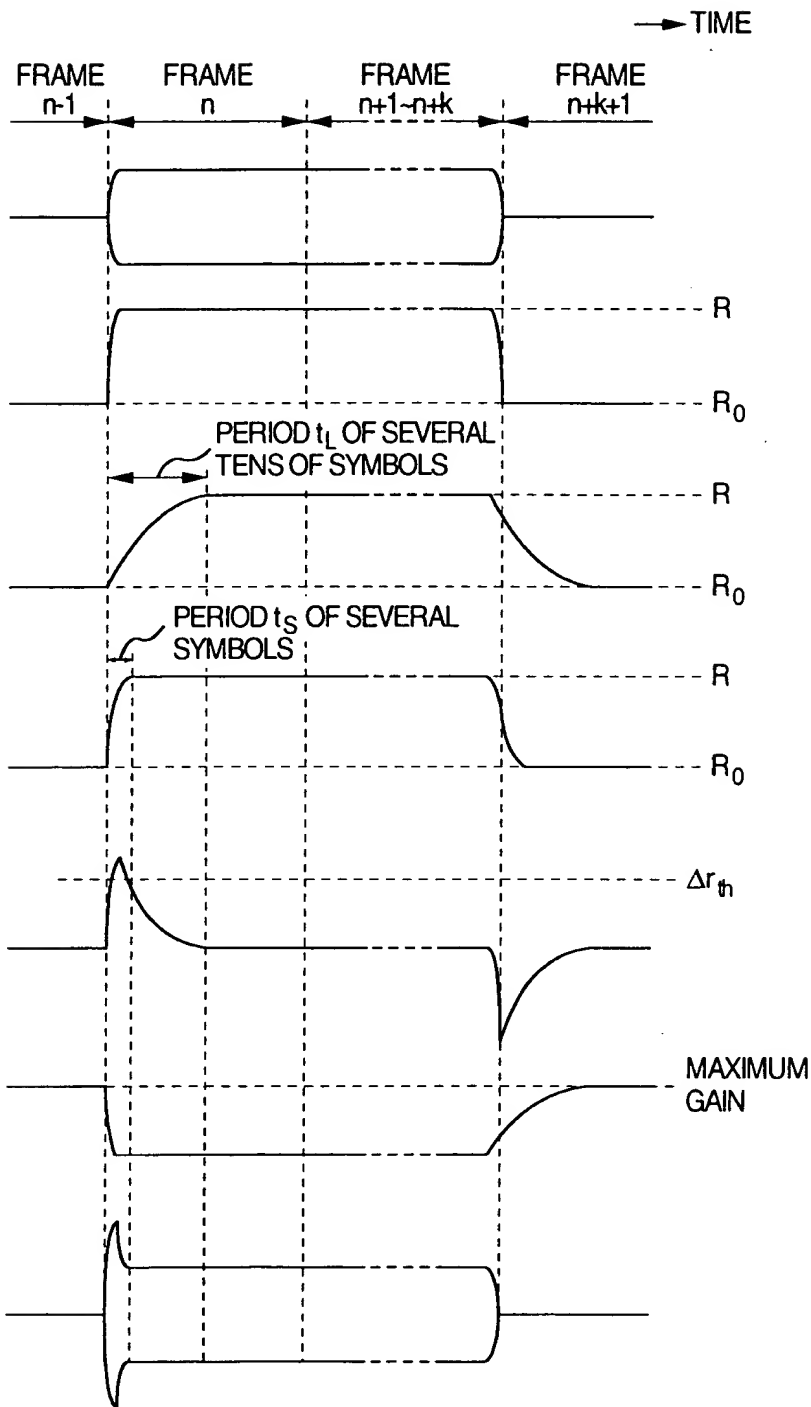




FIG. 12A

RECEIVED SIGNAL

FIG. 12B

RSSI SIGNAL r

FIG. 12C

LONG INTERVAL
AVERAGE r_L OF r

FIG. 12D

SHORT INTERVAL
AVERAGE r_S OF r

FIG. 12E

$\Delta r = r - r_L$

FIG. 12H

CONTROLLED STATE

FIG. 12F

CONTROL SIGNAL g

FIG. 12G

INPUT SIGNAL OF
DEMODULATION
CIRCUIT 112

FIG. 12I

INPUT SIGNAL TO GAIN
CONTROL UNIT

FIG. 12J

OPERATION CLOCK

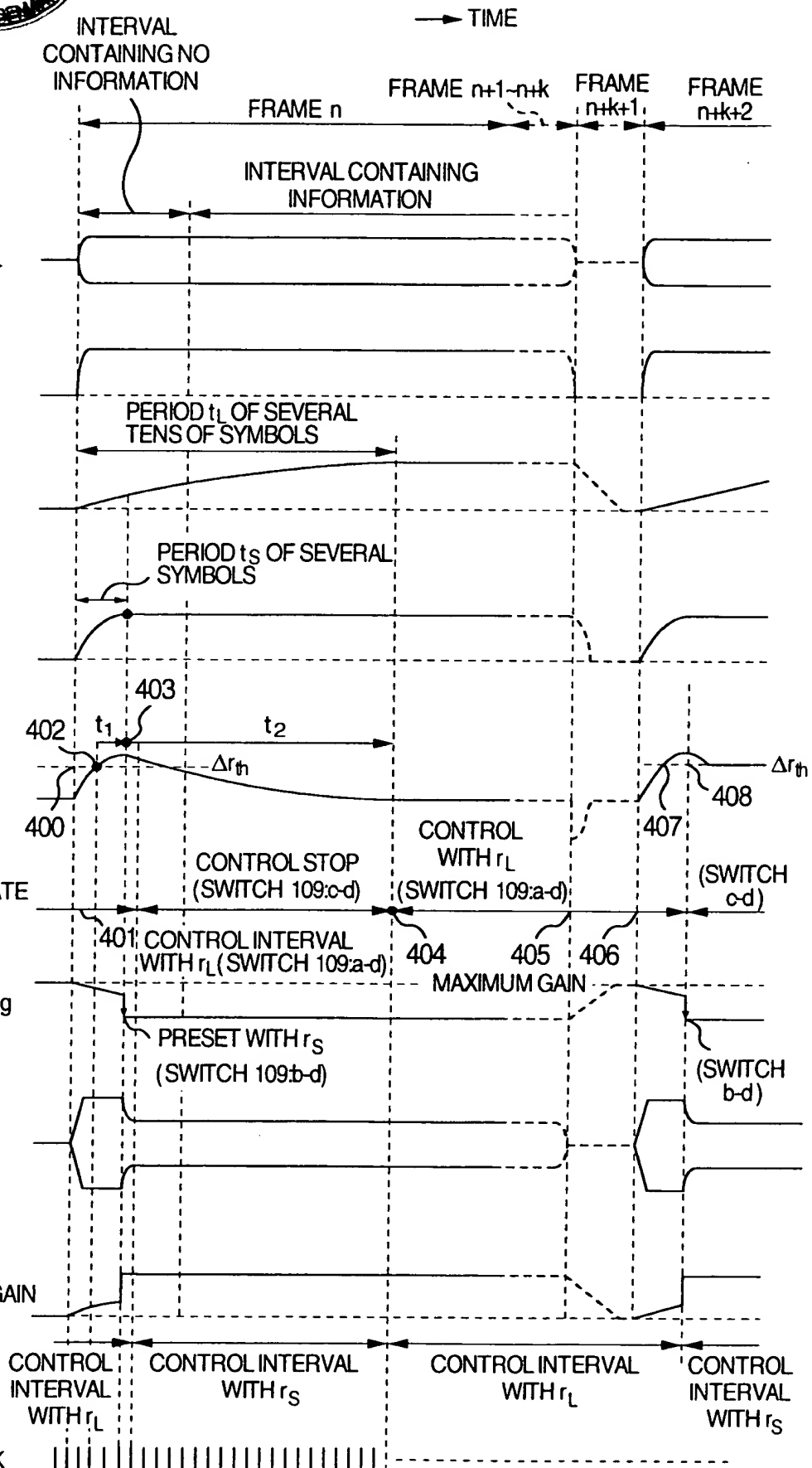




FIG. 13

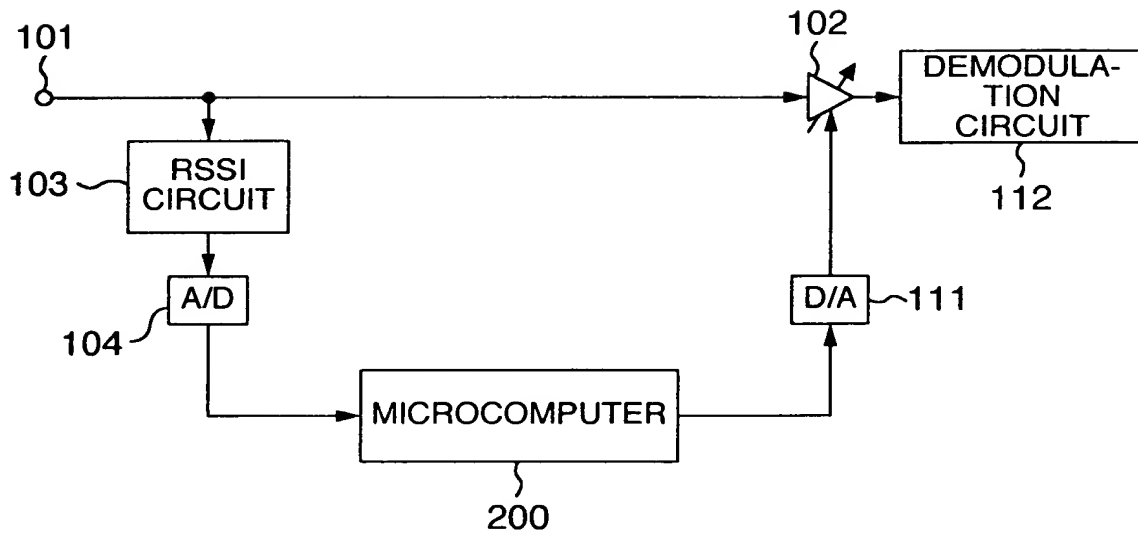


FIG. 14

